



July 2007

DEPARTMENT OF EDUCATION
2006–2007 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. The *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2006-2007 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science and technology at grades 4 and 8, based on achievement standards set last year and disaggregated by student and school characteristics. The reports also contain baseline status in writing at grades 5 and 8, reported according to new standards set this year through a process approved by advisory committees and informed by Maine teachers. This report, together with MEA individual student and subject specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The writing reports provide information on a student's ability to respond to a prompt measuring narrative writing at grade 5 and persuasive/argumentative writing at grade 8. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 3

Test Date: March 2007 (Reports Revised October 2007)
ID: 11191318
District: Old Orchard Beach School Dept
School: Jameson Elementary School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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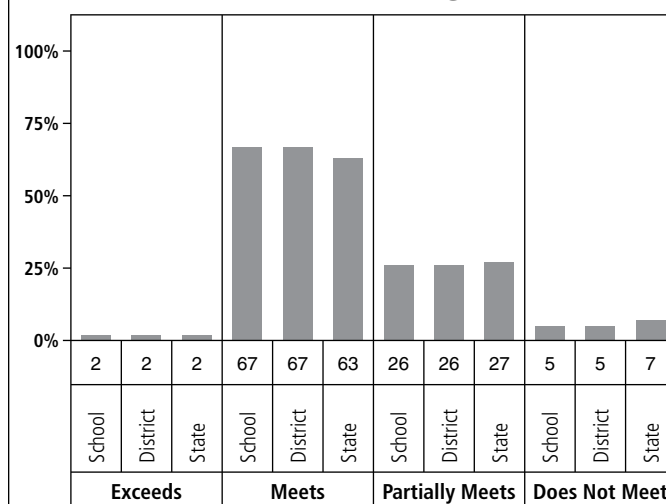
SUMMARY OF SCORES

Date: March 2007
Grade: 3
District: Old Orchard Beach School Dept
School: Jameson Elementary School

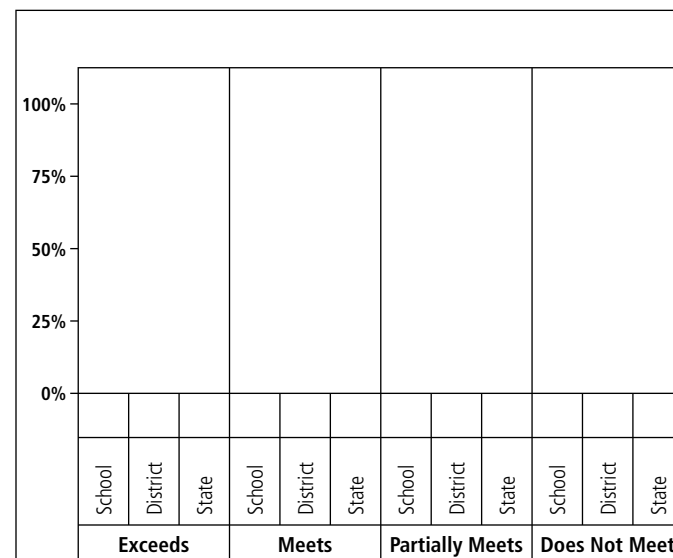
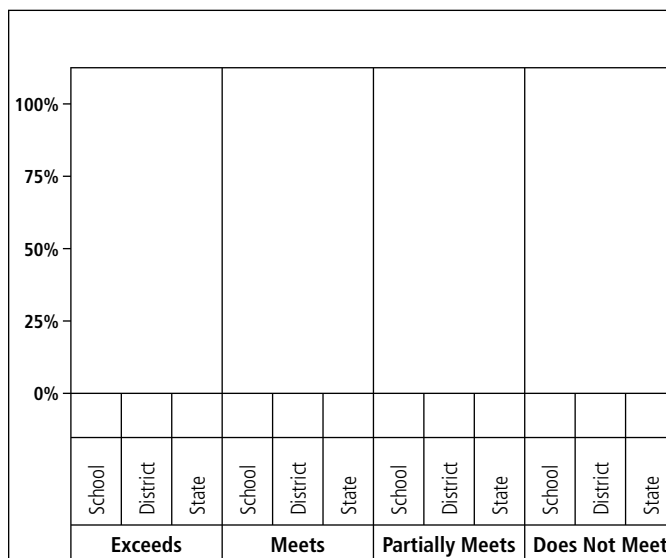
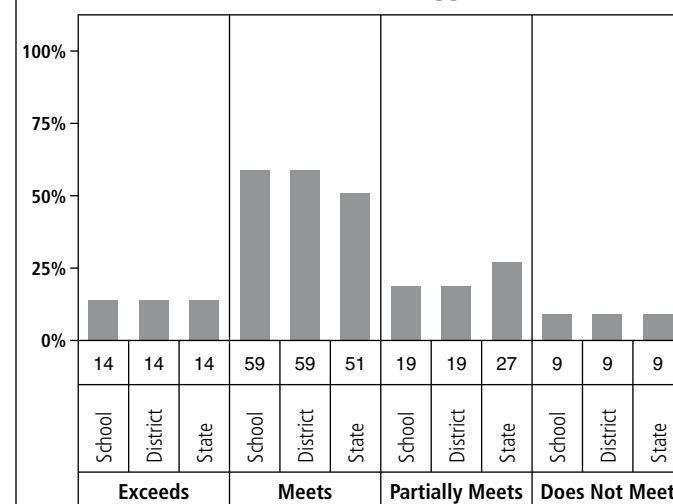
Summary of School, District, and State Scores

Year	Average Scaled Score		
	School	District	State
ELA – Reading			
2005–2006	344	344	345
2006–2007	345	345	345
Cum. Avg. *	344	344	345
Mathematics			
2005–2006	346	346	344
2006–2007	347	347	347
Cum. Avg. *	346	346	345

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Date: March 2007
 Grade: 3
 District: Old Orchard Beach School Dept
 School: Jameson Elementary School

CATEGORY OF PARTICIPATION		Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
								ELA-Reading						Mathematics																	
		School		District		State		School		District		State		School		District		State		School		District		State		School		District		State	
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students		60	100	60	100	14114	100	60	100	60	100	14000	99	60	100	60	100	14001	99												
Ethnicity	African American	1	2	1	2	374	3	1	100	1	100	367	98	1	100	1	100	370	99												
	American Indian/Native Alaskan	0	0	0	0	94	1	0	0	0	0	93	99	0	0	0	0	93	99												
	Asian/Pacific Islander	1	2	1	2	252	2	1	100	1	100	246	98	1	100	1	100	249	99												
	Hispanic	0	0	0	0	179	1	0	0	0	0	173	97	0	0	0	0	173	97												
	White	58	97	58	97	13196	93	58	100	58	100	13121	100	58	100	58	100	13116	99												
	Not Reported	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability		14	23	14	23	2445	17	14	100	14	100	2425	99	14	100	14	100	2422	99												
Current LEP		0	0	0	0	339	2	0	0	0	0	326	96	0	0	0	0	332	98												
Economically disadvantaged		27	45	27	45	5495	39	27	100	27	100	5447	99	27	100	27	100	5448	99												
Migrant		0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		District		State		School		District		State		School		District		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	47	78	47	78	11043	78	47	78	47	78	11094	79						
Identified disability (PET/IEP)	3	6	3	6	602	5	3	6	3	6	627	6						
LEP	0	0	0	0	162	1	0	0	0	0	169	2						
504 plan	0	0	0	0	99	1	0	0	0	0	101	1						
Participation with accommodations	11	18	11	18	2782	20	11	18	11	18	2747	19						
Identified disability (PET/IEP)	9	82	9	82	1659	60	9	82	9	82	1639	60						
LEP	0	0	0	0	156	6	0	0	0	0	162	6						
504 plan	0	0	0	0	59	2	0	0	0	0	57	2						
Other	2	18	2	18	936	34	2	18	2	18	915	33						
Participation through alternate assessment (PAAP)	2	3	2	3	168	1	2	3	2	3	160	1						
Identified disability (PET/IEP)	2	100	2	100	164	98	2	100	2	100	156	98						
LEP	0	0	0	0	1	1	0	0	0	0	1	1						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	7	0												
Approved non-participation – special consideration	0	0	0	0	10	0	0	0	0	0	11	0						
Non-participation – other	0	0	0	0	104	1	0	0	0	0	102	1						

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Date: March 2007
 Grade: 3
 District: Old Orchard Beach School Dept
 School: Jameson Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		District		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 361–380)	2005-2006 2006-2007 Cum. Avg.	2	3	2	3	352	3
		1	2	1	2	332	2
		2	3	2	3	342	2
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 341–360)	2005-2006 2006-2007 Cum. Avg.	41	64	42	65	8641	62
		39	67	39	67	8691	63
		40	65	41	65	8666	63
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 331–340)	2005-2006 2006-2007 Cum. Avg.	15	23	15	23	3671	27
		15	26	15	26	3781	27
		15	24	15	24	3726	27
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 300–330)	2005-2006 2006-2007 Cum. Avg.	6	9	6	9	1163	8
		3	5	3	5	1021	7
		5	8	5	8	1092	8

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		District		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	46	100	28.2	61.3	28.2	61.3	28.0	60.9
Literary Text	28	61	18.1	64.6	18.1	64.6	17.9	63.9
Informational Text	18	39	10.1	56.1	10.1	56.1	10.1	56.1

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short authentic texts, selected from developmentally appropriate published works. Items on the MEA measure Grade Level Expectations, based on Maine’s *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



ELA-READING RESULTS

(CONTINUED)

Date: March 2007
 Grade: 3
 District: Old Orchard Beach School Dept
 School: Jameson Elementary School

REPORTING CATEGORIES	School										District						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	58	1	2	39	67	15	26	3	5	345	58	2	67	26	5	345	13825	2	63	27	7	345
Ethnicity																						
African American	1										1						360	1	40	34	25	338
American Indian/Native Alaskan	0										0						93	0	52	39	10	342
Asian/Pacific Islander	1										1						241	2	68	22	8	345
Hispanic	0										0						168	0	50	33	17	341
White	56	1	2	39	70	13	23	3	5	345	56	2	70	23	5	345	12963	3	64	27	7	345
Not Reported	0										0						0					
Identified disability																						
Yes	12	0	0	5	42	4	33	3	25	339	12	0	42	33	25	339	2261	0	33	46	21	338
No	46	1	2	34	74	11	24	0	0	347	46	2	74	24	0	347	11564	3	69	24	5	346
Limited English proficient students																						
Current LEP in first year	0										0						4					
Current LEP beyond first year	0										0						314	0	35	34	31	336
Economically disadvantaged																						
Yes	26	0	0	15	58	9	35	2	8	344	26	0	58	35	8	344	5360	1	50	36	13	342
No	32	1	3	24	75	6	19	1	3	346	32	3	75	19	3	346	8465	3	71	22	4	347
Migrant																						
Yes	0										0						4					
No	58	1	2	39	67	15	26	3	5	345	58	2	67	26	5	345	13821	2	63	27	7	345
Gender																						
Female	25	1	4	19	76	3	12	2	8	347	25	4	76	12	8	347	6861	3	67	24	6	346
Male	33	0	0	20	61	12	36	1	3	344	33	0	61	36	3	344	6964	1	59	31	9	344
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	4										4						2092	0	36	48	15	339
No	54	1	2	36	67	14	26	3	6	345	54	2	67	26	6	345	11733	3	68	24	6	346
Gifted/talented program																						
Yes	0										0						174	16	83	1	0	355
No	58	1	2	39	67	15	26	3	5	345	58	2	67	26	5	345	13651	2	63	28	7	345

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Date: March 2007
 Grade: 3
 District: Old Orchard Beach School Dept
 School: Jameson Elementary School

QUESTIONNAIRE ITEMS	School										District						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										0						5	1	41	40	18	340
B. less than one hour	93	1	2	37	69	14	26	2	4	346	93	2	69	26	4	346	80	3	66	26	6	346
C. one to two hours	2	0	0	1	100	0	0	0	0	342	2	0	100	0	0	342	12	2	60	29	9	344
D. more than two hours	5	0	0	1	33	1	33	1	33	336	5	0	33	33	33	336	3	0	30	41	29	336
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	27	1	7	10	67	4	27	0	0	346	27	7	67	27	0	346	27	4	63	26	8	346
B. They match some of what I have learned.	48	0	0	18	67	6	22	3	11	344	48	0	67	22	11	344	49	2	69	24	5	346
C. They match just a little of what I have learned.	18	0	0	7	70	3	30	0	0	345	18	0	70	30	0	345	16	1	57	33	9	343
D. There is no match.	7	0	0	2	50	2	50	0	0	343	7	0	50	50	0	343	8	0	45	39	16	340
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	39	1	5	15	68	3	14	3	14	345	39	5	68	14	14	345	42	4	67	22	7	346
B. good	53	0	0	21	70	9	30	0	0	345	53	0	70	30	0	345	46	2	63	29	7	345
C. fair	7	0	0	2	50	2	50	0	0	345	7	0	50	50	0	345	9	1	51	38	10	342
D. poor	2	0	0	0	0	1	100	0	0	340	2	0	0	100	0	340	2	0	30	48	22	337
How hard was the reading part of this test?																						
A. harder than my regular schoolwork	12	0	0	4	57	3	43	0	0	344	12	0	57	43	0	344	22	1	50	36	13	342
B. about the same as my regular schoolwork	61	1	3	20	57	11	31	3	9	344	61	3	57	31	9	344	55	3	69	24	5	346
C. easier than my regular schoolwork	26	0	0	14	93	1	7	0	0	348	26	0	93	7	0	348	23	2	62	28	9	344
How hard were the reading passages on this test?																						
A. Most of the passages were harder than what I normally read.	11	0	0	0	0	4	67	2	33	334	11	0	0	67	33	334	20	0	38	45	16	340
B. Most of the passages were about the same as what I normally read.	52	1	3	22	76	6	21	0	0	347	52	3	76	21	0	347	49	2	68	25	5	346
C. Most of the passages were easier than what I normally read.	38	0	0	15	71	5	24	1	5	345	38	0	71	24	5	345	32	4	70	20	5	347
How much time do you spend reading at home each day?																						
A. more than one hour	12	0	0	4	57	3	43	0	0	343	12	0	57	43	0	343	19	4	65	25	7	346
B. 20 minutes to an hour	55	0	0	25	78	5	16	2	6	346	55	0	78	16	6	346	47	3	68	24	5	346
C. less than 20 minutes	21	1	8	7	58	4	33	0	0	346	21	8	58	33	0	346	19	1	59	32	8	344
D. I rarely read at home.	12	0	0	3	43	3	43	1	14	341	12	0	43	43	14	341	15	1	51	35	14	342
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	14	0	0	5	63	2	25	1	13	344	14	0	63	25	13	344	26	2	57	32	10	343
B. six to ten pages	19	0	0	7	64	3	27	1	9	345	19	0	64	27	9	345	23	2	64	27	7	345
C. eleven or more pages	67	1	3	26	68	10	26	1	3	345	67	3	68	26	3	345	51	3	66	25	6	346
Optional school/district question																						
A.	0										0											
B.	0										0											
C.	9	0	0	1	100	0	0	0	0	348	9	0	100	0	0	348						
D.	91	0	0	6	60	4	40	0	0	343	91	0	60	40	0	343						

MATHEMATICS RESULTS

Date: March 2007
Grade: 3
District: Old Orchard Beach School Dept
School: Jameson Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		District		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 361–380)	2005-2006	5	8	5	8	1295	9
	2006-2007	8	14	8	14	1985	14
	Cum. Avg.	7	11	7	11	1640	12
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 341–360)	2005-2006	42	66	43	66	6852	49
	2006-2007	34	59	34	59	6990	51
	Cum. Avg.	38	61	39	62	6921	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 325–340)	2005-2006	9	14	9	14	4081	29
	2006-2007	11	19	11	19	3673	27
	Cum. Avg.	10	16	10	16	3877	28
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 300–324)	2005-2006	8	13	8	12	1638	12
	2006-2007	5	9	5	9	1193	9
	Cum. Avg.	7	11	7	11	1416	10

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		District		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	15	31	8.2	54.7	8.2	54.7	7.7	51.3
Cluster 2: Shape and Size	14	29	9.9	70.7	9.9	70.7	10.5	75.0
Cluster 3: Mathematical Decision Making	5	10	3.4	68.0	3.4	68.0	3.3	66.0
Cluster 4: Patterns	14	29	9.9	70.7	9.9	70.7	9.8	70.0

Cluster 1: Numbers and Operations

- A. Numbers and Number Sense
- B. Computation
- I. Discrete Mathematics (grades 3 and 4 only)

Cluster 2: Shape and Size

- E. Geometry
- F. Measurement

Cluster 3: Mathematical Decision Making

- C. Data Analysis and Statistics
- D. Probability

Cluster 4: Patterns

- G. Patterns, Relations, and Functions
- H. Algebra Concepts
- K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/salt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Date: March 2007
 Grade: 3
 District: Old Orchard Beach School Dept
 School: Jameson Elementary School

REPORTING CATEGORIES	School										District						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	58	8	14	34	59	11	19	5	9	347	58	14	59	19	9	347	13841	14	51	27	9	347
Ethnicity																						
African American	1										1						367	6	28	37	28	335
American Indian/Native Alaskan	0										0						93	4	42	40	14	340
Asian/Pacific Islander	1										1						247	16	51	22	11	347
Hispanic	0										0						168	7	42	32	20	339
White	56	8	14	34	61	10	18	4	7	348	56	14	61	18	7	348	12966	15	51	26	8	347
Not Reported	0										0						0					
Identified disability																						
Yes	12	1	8	2	17	5	42	4	33	334	12	8	17	42	33	334	2266	6	34	39	21	338
No	46	7	15	32	70	6	13	1	2	350	46	15	70	13	2	350	11575	16	54	24	6	349
Limited English proficient students																						
Current LEP in first year	0										0						10	0	30	30	40	326
Current LEP beyond first year	0										0						321	4	28	34	34	333
Economically disadvantaged																						
Yes	26	4	15	14	54	5	19	3	12	345	26	15	54	19	12	345	5371	7	44	34	14	342
No	32	4	13	20	63	6	19	2	6	348	32	13	63	19	6	348	8470	19	54	22	5	350
Migrant																						
Yes	0										0						4					
No	58	8	14	34	59	11	19	5	9	347	58	14	59	19	9	347	13837	14	51	27	9	347
Gender																						
Female	25	4	16	14	56	4	16	3	12	349	25	16	56	16	12	349	6865	14	50	27	9	347
Male	33	4	12	20	61	7	21	2	6	346	33	12	61	21	6	346	6976	14	51	26	9	347
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	4										4						2098	3	37	43	17	338
No	54	8	15	30	56	11	20	5	9	347	54	15	56	20	9	347	11743	16	53	24	7	348
Gifted/talented program																						
Yes	0										0						174	63	34	3	0	366
No	58	8	14	34	59	11	19	5	9	347	58	14	59	19	9	347	13667	14	51	27	9	347

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Date: March 2007
 Grade: 3
 District: Old Orchard Beach School Dept
 School: Jameson Elementary School

QUESTIONNAIRE ITEMS	School										District						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										0						5	7	38	34	21	339
B. less than one hour	93	8	15	34	63	9	17	3	6	348	93	15	63	17	6	348	80	16	52	26	6	348
C. one to two hours	2	0	0	0	0	1	100	0	0	334	2	0	0	100	0	334	12	12	50	28	10	346
D. more than two hours	5	0	0	0	0	1	33	2	67	323	5	0	0	33	67	323	3	3	26	34	37	332
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	40	3	13	13	57	4	17	3	13	346	40	13	57	17	13	346	37	20	52	22	6	350
B. They match some of what I have learned.	42	5	21	15	63	3	13	1	4	350	42	21	63	13	4	350	44	13	54	26	7	347
C. They match just a little of what I have learned.	14	0	0	4	50	3	38	1	13	340	14	0	50	38	13	340	13	8	45	34	13	342
D. There is no match.	4	0	0	1	50	1	50	0	0	342	4	0	50	50	0	342	6	5	30	40	24	337
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	31	2	12	7	41	5	29	3	18	342	31	12	41	29	18	342	40	21	50	21	8	349
B. good	59	4	13	21	66	6	19	1	3	348	59	13	66	19	3	348	46	12	53	28	7	347
C. fair	9	1	20	3	60	0	0	1	20	348	9	20	60	0	20	348	12	6	46	36	11	342
D. poor	0										0						2	3	31	40	26	336
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	12	1	14	2	29	2	29	2	29	339	12	14	29	29	29	339	15	5	38	38	19	339
B. about the same as my regular schoolwork	53	5	16	18	58	5	16	3	10	347	53	16	58	16	10	347	56	15	54	25	6	348
C. easier than my regular schoolwork	34	2	10	14	70	4	20	0	0	349	34	10	70	20	0	349	29	18	51	23	7	349
How often do you use hands-on materials in mathematics class?																						
A. almost every day	44	1	4	13	54	6	25	4	17	342	44	4	54	25	17	342	32	11	47	32	11	344
B. two or three days a week	35	4	21	12	63	3	16	0	0	352	35	21	63	16	0	352	32	17	53	24	6	349
C. two or three times each month	11	0	0	5	83	1	17	0	0	347	11	0	83	17	0	347	27	18	54	22	6	350
D. never	11	1	17	3	50	1	17	1	17	344	11	17	50	17	17	344	9	9	44	32	14	343
How often do you use calculators in mathematics class?																						
A. almost every day	14	1	13	4	50	0	0	3	38	340	14	13	50	0	38	340	7	4	33	43	20	337
B. two or three days a week	18	0	0	7	70	3	30	0	0	345	18	0	70	30	0	345	20	11	51	29	9	346
C. two or three times each month	37	4	19	14	67	3	14	0	0	352	37	19	67	14	0	352	46	19	54	21	5	350
D. never	32	3	17	8	44	5	28	2	11	345	32	17	44	28	11	345	27	11	49	29	11	345
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	21	2	17	6	50	3	25	1	8	347	21	17	50	25	8	347	15	7	41	38	14	341
B. 30–45 minutes	45	4	15	16	62	3	12	3	12	348	45	15	62	12	12	348	31	13	53	27	7	347
C. 45–60 minutes	19	2	18	5	45	3	27	1	9	347	19	18	45	27	9	347	32	18	53	22	6	349
D. more than 60 minutes	16	0	0	7	78	2	22	0	0	345	16	0	78	22	0	345	22	17	50	24	9	348
Optional school/district question																						
A.	0										0											
B.	0										0											
C.	9	0	0	1	100	0	0	0	0	348	9	0	100	0	0	348						
D.	91	0	0	5	50	4	40	1	10	341	91	0	50	40	10	341						